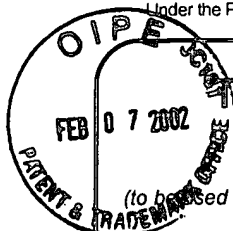


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TRANSMITTAL  
FORM

(to be used for all correspondence after initial filing)

Application Number	09/937,680
Filing Date	November 29, 2001
First Named Inventor	Ansari, Zahid
Group Art Unit	1615
Examiner Name	
Attorney Docket Number	019730-000110US

Total Number of Pages in This Submission

6

## ENCLOSURES (check all that apply)

- |  |  |  |
|--|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><br><input type="checkbox"/> Fee Attached<br><br><input type="checkbox"/> Amendment / Response<br><br><input type="checkbox"/> After Final<br><br><input type="checkbox"/> Affidavits/declaration(s)<br><br><input type="checkbox"/> Extension of Time Request<br><br><input type="checkbox"/> Express Abandonment Request<br><br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><br><input type="checkbox"/> Response to Missing Parts/ Incomplete Application<br><br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application)<br><br><input type="checkbox"/> Drawing(s)<br><br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition<br><br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><br><input type="checkbox"/> Terminal Disclaimer<br><br><input type="checkbox"/> Request for Refund<br><br><input type="checkbox"/> CD, Number of CD(s) | <input type="checkbox"/> After Allowance Communication to Group<br><br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><br><input type="checkbox"/> Proprietary Information<br><br><input type="checkbox"/> Status Letter<br><br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br><br>Return Postcard<br>Request for Corrected Filing Receipt |
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Remarks

The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm and Individual name	Townsend and Townsend and Crew LLP William F. Vobach	Reg. No. 39,411
Signature	<i>William F. Vobach</i>	
Date	January 14, 2002	

## CERTIFICATE OF MAILING

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**FEE TRANSMITTAL**  
**for FY 2001**

Patent fees are subject to annual revision.

FEB 07 2002

## Complete if Known

Application Number	09/937,680
Filing Date	November 29, 2001
First Named Inventor	Ansari, Zahid
Examiner Name	
Group Art Unit	1615
Attorney Docket No.	019730-000110US

TOTAL AMOUNT OF PAYMENT (\$ ) 0

## METHOD OF PAYMENT

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- Charge Any Additional Fee Required
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- Under 37 CFR 1.16 and 1.17
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- ☒
- Applicant claims small entity status.
- 
- See 37 CFR 1.27

- 2.
- ☐
- Payment Enclosed:

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## FEE CALCULATION

## 1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1)

(\$)

## 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
20**			
Independent Claims	3**		
Multiple Dependent			

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
103	18	203	9	Claims in excess of 20	
102	84	202	42	Independent claims in excess of 3	
104	280	204	140	Multiple dependent claim, if not paid	
109	84	209	42	** Reissue independent claims over original patent	
110	18	210	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2)

(\$)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

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\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)

William F. Vobach

Registration No. (Attorney/Agent)

39,411

Telephone

303-571-4000

Signature

William F. Vobach

Date

January 14, 2002

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TOWNSEND and TOWNSEND and CREW LLP

By Kay Barclay  
Kay Barclay

Attorney Docket No.: 19780-00011003

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Ansari, Zahid et al.

Application No.: 09/937,680

Filed: November 29, 2001

For: **METHOD AND APPARATUS FOR  
PROVIDING PULSE WIDTH  
MODULATION**

Examiner:

Art Unit: 1615

REQUEST FOR CORRECTED FILING  
RECEIPT

Assistant Commissioner for Patents  
Washington, D.C. 20231

ATTN: Customer Correction Branch  
Application Processing Division

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Sir:

Attached is a copy of the official Filing Receipt received from the Patent and Trademark Office in the above-noted application for which issuance of a corrected filing receipt is respectfully requested.

There are two errors in that the city for the first inventor, Zahid Ansari, is incorrect and the third inventor, Jonathan Andrew Guy, the city is not listed, rather the street address is shown and should read as follows:

Zahid Ansari, Menlo Park, CA;

Jonathan Andrew Guy, Austin, TX;

The corrections are not due to any error by applicant and no fee is due.

Respectfully submitted,

*William F. Vobach*

William F. Vobach  
Reg. No. 39,411

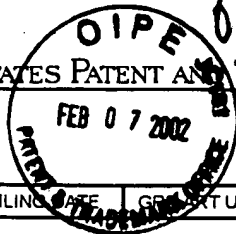
TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, 8th Floor  
San Francisco, CA 94111-3834  
Phone (303) 571-4000  
Fax (303) 571-4321

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APPLICATION NUMBER	FILING DATE	GRANT UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/937,680	11/29/2001	1615	620	19730-000110US	7	30	6

REC'D

CONFIRMATION NO. 3828

JAN 11 2002

FILING RECEIPT



\*OC00000007228989\*

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TOWNSEND AND TOWNSEND AND CREW, LLP  
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SAN FRANCISCO, CA 94111-3834

Date Mailed: 12/26/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Zahid Ansari, Marian Park, CA;  
Bruno L. Prickett, Fremont, CA;  
Jonathan Andrew Guy, Brammer Drive, TX;

## Domestic Priority data as claimed by applicant

THIS APPLICATION IS A 371 OF PCT/US00/08562 03/28/2000  
WHICH CLAIMS BENEFIT OF 60/126,770 03/29/1999  
THIS APPLICATION 09/937,680  
CLAIMS BENEFIT OF 60/164,083 11/05/1999  
AND CLAIMS BENEFIT OF 60/163,707 11/05/1999  
AND CLAIMS BENEFIT OF 60/164,326 11/07/1999

## Foreign Applications

Projected Publication Date: Not Applicable, filed prior to November 29,2000

Non-Publication Request: No

Early Publication Request: No

\*\* SMALL ENTITY \*\*

Title

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Method and apparatus for providing pulse width modulation

Preliminary Class

424

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Title 37, Code of Federal Regulations, 5.11 & 5.15**

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